

Ashwell.

1644.

A New Almanacke and
Prognostication for the
yeare of our Lord God
1644.

Being the *Bissextile* or *Leap-yeere*.

Wherein is shewed the Natu-
rall inclination of the aire, accor-
ding to the Aspects and positions of
the Stars; with other rules, Ta-
bles, and directions, conve-
nient in such a worke
to be noted.

Calculated exactly for the Meridian
and latitude of *Ongar* in *Essex*, where
the Pole is elevated above the
horizon 52 deg. 23 min. and
may without sensible error
serve any part of this
Kingdome.

By *Samuell Ashwell*.

Printed at *London* by *Rich. Coles*, for
the Company of Stationers.

The common Notes and moveable Feasts for this
present yeare, 1644. being Leap-yeare

According to
The old Accompt used in England. | The new reformed Accompt used beyond Seas.

11	The Golden number	11
1	The Circle of the Sun	1
1	The Epact	21
12	The Roman Indiction	12
C	The Dominicall letter	C B
March	3 Shrove-sunday	February 7
March	6 Ashwednesday	February 10
April	21 Easter day	March 27
May	11 Rogation sunday	May 3
May	30 Ascension day	May 5
June	9 Whit Sunday	May 15
Decemb.	1 Advent sunday	Decemb. 27

Ember Weekes.

March 13, 14, 16, } Days. { September 18, 20, 21
June 12, 14, 15, } { December 18, 20, 21

Times of Marriage prohibited.

From after Advent Sunday, till 8 dayes after Twelfetide,
From after Septuagesima, till 8 dayes after Easter,
From 3 dayes before Ascension, till Trinity Sunday.

The Golden Planet *Venus* is Occidentall or our glittering Evening starre, setting after the going downe of the Sunne, from the beginning of this yeare, unto the 8 day of September. And all the rest of the yeare, shee is Orientall, or our bright morning starre, rising before the Sunne.

A necessary & perfect rule for ever, to know when
the 4. Termes begin and end; and how
many Returnes are in every Terme.

1 Hilary Terme beginneth the 23 day of January (if
it be not Sunday) but then the next day after, & endeth
the 12 or 13 of February, and hath 4 Returnes.

Octabis Hilarii	}	{	Crastino Purificationis.
Quind Hilarii			Octabis Purificationis.

2 Easter Terme beginneth 17 dayes after Easter, &
endeth 4 dayes after Ascension day, & hath 5 Returnes

Quind Paschæ	}	{	Mense	}	{	Quind. Paschæ.
Tres Paschæ			Paschæ			Crastino Ascensionis

3 Trinity Terme beginneth the next day alwaies af-
ter Corpus Christi day, & endeth the Wednesday fortnight
after, & hath 4 Returnes. Note that Corpus Christi day,
is alwaies the Thursday after Trinity Sunday.

Crastino Trinitatis	}	{	Quind. Trinitatis,
Octabis Trinitatis			Tres Trinitatis.

4 Michaelmas Terme begins the 23 of October (if it
be not Sunday) and endeth the 28 day of November,
and hath 6 Returnes.

Tres Michael	}	{	Crastino Animarum
Mense Michael.			Crastino Martini
			Octabis Martini
			Quind. Martini.

Note that the Exchequer openeth 8 dayes before every Terme be-
gins, except Trinity Terme, before which it openeth onely 4 dayes.
The first and last dayes of Appearance, are the first and last dayes of
the Terme.

Cambridge Commencement falleth out the 3 day of Iuly, the Ves-
pers upon the Saturday next before.

Oxford A& happeneth upon the 10 day of Iuly, the Vespers upon
the Saturday immediately before.

The Anatomie of the Body of Man, as the parts thereof have beene anciently supposed to be governed by the 12 Signes of the Zodiacke.

♈ Aries, Head and face.

♉ Taurus
Necke and
throat.

♊ Cancer
Breast, Sto-
macke, and
ribs.

♋ Virgo
Bowels and
belly.

♌ Scorp.
Secret
members.

♍ Capricorn
Knees



♎ Gemini
Armes and
Shoulders.
♌ Leo
Heart and
backe.

♏ Libra
Knees and
loynes.

♐ Sagittarius
Thighes.

♑ Aquarius
Legs.

♒ Pisces, the feete.

The Characters of the seven Planets.

♄ Saturne, ♃ Iupiter, ♂ Mars, ☉ Sol, ♀ Venus, ☿ Mer-
curie, ☾ Luna.

Aspects.

☿ Coniunction, * Sextile, ☐ Quartile, Δ Trine, ♂ Op-
position.

January hath xxxj. dayes.

- ☐ First quarter the 6 day, 18 min. past 2, in the afternoon
☐ Full moon the 13 day, 28 min. past 9 at night.
☐ Last quarter the 22 day, 49 min. past 1 in the mor.
☐ New moon the 29 day, 29 min past 7 a clock in the morn.

1	a	Cir. of Equ. aqu.	12	2	* ♀ D moyst	11	d
2	b	h 2, 29 ♀	27	3	* h ♀ windes	12	c
3	c	♀ 16, 39 ♀	pit.	11	4 D com. ☉ ☐ ♀ ♀	13	f
4	d	♂ 26, 40 ♂	26	5	☐ ♂ D cloudy	14	g
5	e	D with h ♀	ari.	10	6 ♂ h ♀ D faire	15	a
6	f	Epiphany	24	7	☐ ♀ D and some-	16	i
7	g	1 Sun aft. Ep.	taur.	8	thing windy.	17	l
8	a	h & ♀ occid	22	9	△ ♀ D ♀ Apog.	18	d
9	b	♂ orientall	gem.	5	10 △ ♀ D cloudy &	19	e
10	c	Sol in Aqu.	19	11	♂ ☉ ♀ stormy	20	f
11	d	♀ 13, 44 ♀	canc.	2	2 ☐ h D cold raine,	21	g
12	e	♀ enters ♀	15	13	haile or fleete, these	22	a
13	f	♀ occidenta.	28	14	☐ h ♂ 3 dayes,	23	c
14	g	2 sun. aft. Ep.	leo	10	15 ♂ ♀ D Faire.	24	d
15	a	h 3, 31 ♀	23	16	♂ ♀ D a cold	25	e
16	b	♀ 18, 23 ♀	virg.	5	17 △ ♂ D aire.	26	f
17	c	♀ occidenta.	17	18	D com. ☉ faire,	27	g
18	d	♂ 7, 3 ♀	29	19	♂ h D and frosty,	28	a
19	e	☉ 9, 20 ♀	lib.	11	20 △ ♀ D some wind	29	b
20	f	♀ 14, 58 ♀	23	21	♂ ♀ D milde wea	30	c
21	g	3 sun. aft. Ep.	scor.	4	22 * ♀ ♀ Apor. por.	31	d
22	a	♀ 20, 20 ♀	16	23	☐ ♀ D windy	1	e
23	b	Terme beg.	29	24	☐ ♀ D rainy mor.	2	f
24	c	☉ 14, 24 ♀	sag.	11	25 D void of courte	3	g
25	d	Conder, Pa	25	26	* ♀ D cold and	4	a
26	e	♂ with the D	cap.	8	27 ☐ h D raine like,	5	b
27	f	h 4, 22 ♀	22	28	☐ ♀ D faire	6	c
28	g	4 sund aft Ep	aqu.	6	29 * h D calme	7	d
29	a	♀ 20, 8 ♀	21	30	* ♀ D windes	8	e
30	b	D with ♀	pit.	6	D com. ☉ ♂ ♀ D	9	f
31	c	D under ♀	21	7	♂ ☉ no ♂ w.	10	g

February hath xxix. dayes.

- First quart. the 4 day, 25 min. past 11 before noone, fair
- ♂ Full moone the 12 day, 43 min. past 2 after noone, cold
- Last quart. the 20 day, 25 min. past 7 at night. frost like
- ♂ New moone the 27 day 28 min. past 5 at night. raine like

1	d	♂ with h ♀	ari.	5	3	♂ h ♀	♂ faire &	11	a
2	e	Purif. Mars		20	4		freezing weather	12	a
3	f	♂ 19.4; rapz.	taur.	5	5	* ♀	♂ windy and	13	b
4	g	♂ fund. aft. Ep		19	8	♂ ♀	♂ cold dark	14	c
5	a	♂ 26.33 ♀	gem.	2	7	* h	♂ aire	15	d
6	b	♀ 16, 17 ♀		26	8	♂ ♀	♂ windy	16	e
7	c	♀ 15, 33 ♀		29	9	♂ h	♂ snow or	17	f
8	d	h retrograde	canc.	12	10	♂ ♀	♂ fleete	18	g
9	e	Sol in Pisces		25	11	♂ ♀	♂ about	19	a
10	f	h 6, 7, aries	leo.	7	12		these dayes.	20	b
11	g	♂ 6. fund. aft. Ep		19	12	♂ ♀	♂ temperat	21	c
12	a	Terme ends	virg.	1	13		weather,	22	d
13	b	♂ 23, 17. ♀		13	15		♂ Apog. com. ♀	23	e
14	c	Valentine		25	16	♂ ♀	♂ cold	24	f
15	d	♂ 6, 37, rises	lib.	7	17	♂ h	♂ raine	25	g
16	e	♀ 28, 43, ♀		19	18	♂ ♀	♂ mild and	26	a
17	f	♀ 25, 53, ♀	scor.	1	19	♂ ♀	♂ temperate	27	b
18	g	Septuagesima		13	20	♂ ♀	♂ most of	28	c
19	a	h 7, 10, arie		25	21	♂ ♀	♂ these	29	d
20	b	♂ 24, 43, ♀	sag.	7	22	♂ ♀	♂ dayes,	1	e
21	c	♂ 2, 43 ♀		20	23	♂ ♀	♂ the 22, &	2	f
22	d	♂ 13, 37 ♀	capr.	3	24	♂ ♀	♂ 23 days	3	g
23	e	h with ♀		16	25	♂ h	♂ frosty	4	a
24	f	♂ under ♀	aqu.	1	26	♂ ♀	♂	5	b
25	g	Matth. Alp.		15	27	* ♀	♂ cold and	6	c
26	a	♀ retrograd		29	28	♂ ♀	♂ moyft	7	d
27	b	♀ 12, 17 ♀	pif.	14			♂ com. ♀	8	e
28	c	♂ 26, 20 ♀		29	1		♂ Perig. * h ♀	9	f
29	d	♂ com. ♀ h	ari.	14	2	♂ h ♀	♂ snow	10	g

March hath xxxi. dayes

- ☐ First quarter the 5 day, at 10 a clock in in the forenoon
☐ Full moon the 13 day, at 49 min. past 8 in the morn.
☐ Last quarter the 21 day, 22 min. past 9 in the mor.
☐ New moon the 28 day, 23 min past 3 a clock in the morn.

1	d	David bñ.	ari.	29	3	faire and temperate	11
2	e	D with ♀	taur.	14	4	♂ ♀ □ ♂ D most	12
3	f	Shrovelund.		28	5	* ♀ D of these	13
4	g	h 8, 51 ♀	gem.	12	6	△ ♂ D dayes.	14
5	a	♀ 27, 43 ♀		26	7	□ ♀ D windy	15
6	b	Alshwedneso.	canc.	9	8	□ h D cold raine	16
7	c	♂ 14, 11 ♀		22	9	□ ♀ D or snow	17
8	d	D under præ,	leo	4	10	□ ♀ D faire tem-	18
9	e	Sol in Aries.		16	11	perate and warme,	19
10	f	Quadragesim		28	12	△ h D springing	20
11	g	♀ orientall	virg.	10	13	D com. ♂ ♂ ♀ ♀	21
12	a	♀ enters ♂		22	14	♂ ♀ D pleasant	22
13	b	Ember week.	lib.	4	15	D Apog. weather	23
14	c	♀ 13, 32 *		16	16	♂ h D cold raine	24
15	d	♀ orioiental		28	17	♂ ♀ D or snow	25
16	e	☉ 6, 28 ♀	scor.	10	18	△ ♀ D windy	26
17	f	2 sun. in Lent		22	19	□ ♂ D cloudy,	27
18	g	h 10, 36 ♀	sag.	4	20	△ ☉ D faire &	28
19	a	♀ enters ♂		16	21	□ ♀ D windy	29
20	b	☉ under h		29	22	♂ ☉ h Apog. por.	30
21	c	♂ 25 aqua.	cap.	12	23	□ h D cold and	31
22	d	h orientall		25	24	□ ♀ D some rain	1
23	e	♀ direct	iqu.	9	25	□ ♀ D h apog.	2
24	f	3 sun. in Lent.		23	26	flect the 23. day.	3
25	g	2 sun. of Ma	pis.	8	27	D com. ♂	4
26	a	♀ com Luna		22	28	♂ ♀ D windy	5
27	b	Inir. R. Carol.	ari.	8	29	D perig. ♂ h D	6
28	c	☉ 18, 15 ♀		22	30	* h D temperate	7
29	d	D under ♀	tau.	8	1	♂ ♀ D weather,	8
30	e	D with star		22	2	* ♀ D wind and	9
	f	mid lent sun.	gem.	-	3	□ ♂ D stormes	10

Aprill hath xxx. dayes.

- First quart. the 3 day, 30 min. past 10 at night.
- ♂ Full moone the 11 day, neere mid-night.
- Last quart. the 19 day, 22 min. past 7 at night.
- ♂ New moone the 27 day 15 min. past 10 before noone

1	a	h 12. 19 γ	gem. 21	4	□ ♀ D wind and	11	c
2	a	γ 4. 14 δ	canc. 5	5	✕ γ D some stor.	12	d
3	b	♂ 4. 53 ✕	18	8	□ h D of raine	13	e
4	c	⊙ 25. 6. γ	leo. 1	7	□ γ D faire and	14	f
5	d	♀ 23, 24 δ	13	8	△ h D hot weath.	15	g
6	e	♀ enters γ	25	9	□ ♀ D darke aire	16	a
7	f	5 Sun. in Len.	virg. 7	10	D com. ♀ ♂ ♂ D	17	b
8	g	♂ orientall.	19	11	D Vac. curs.	18	c
9	a	♀ occidenta	lib. 1	12	♂ ♀ D windy	19	d
10	b	Sol in Taurus	13	12	♂ h D Apog.	20	e
11	c	h 13. 32 γ	25	●	one springing	21	f
12	d	γ 6. 36 δ	scor. 7	15	♂ γ D season	22	g
13	e	♂ 12, 31 ✕	18	16	♂ h ♀ stormy	23	a
14	f	Palme sund.	sag. 1	17	D Vac. curs.	24	b
15	g	♀ oc. with D	13	18	D in ♂ ♀ & □ ♂	25	c
16	a	⊙ 6. 45 δ	26	19	□ ⊙ D faire and	26	d
17	b	γ orientali	capr. 9	20	♂ ⊙ γ windy	27	e
18	c	♀ 13, 49 II	22	21	□ h ♀ D * h ♀	28	f
19	d	♀ 24 γ	aqu. 5	22	□ γ D γ apog.	29	g
20	e	h 14, 36 γ	18	23	✕ h D overcast	30	a
21	f	Easter day.	pis. 2	24	D com. ♀ * ♀ D	1	b
22	g	D under ♂	17	25	□ ♀ D cold raine	2	c
23	a	γ 9. 13 δ	ari. 1	26	D Vac. curs.	3	d
24	b	h oz. with D	16	27	♂ h ⊙ □ γ ♀	4	e
25	c	Marke Chan	aur. 1	28	♂ ♀ D windy	5	f
26	d	γ oz. with D	16	29	♂ γ D faire	6	g
27	e	D Buls epe	gem. 5	●	from hence to the	7	a
28	f	Low Sunday	16	2	* h D monerhs	8	b
29	g	♂ 24, 42 ✕	29	1	□ ♂ ♂ ♀ D end	9	c
30	a	⊙ 20. 16 δ	can. 13	3	□ h D cold showrs	10	d

May hath xxxj. dayes.

- ☐ First quarter the 3 day, 54 min. past noone.
- ♂ Full moone the 11. day 36 min. past 4 after noone
- ☐ Last quarter the 19. day, 3 quarters past 2 in the morn.
- ♂ Newmoon the 25. day, halfe an houre past 6. at night

1	b	Phil. & Jaro	can.	27	4	milde weather and	11	e
2	c	♀ enters	leo	9	5	☐ ♀ ☽ calm wind	12	f
3	d	♀ 20, 39	virg.	22	8	☉ with the 7 stars	13	g
4	e	h 16, 10	virg.	4	7	☽ com ☽ ♀ apog	14	a
5	f	2 after Easter	lib.	16	8	♂ ♂ ☐ ♀ ☽ clou.	15	b
6	g	☉ 26. 2	lib.	28	9	warme showers.	16	c
7	a	♂ with poll.	lib.	9	10	☽ Apoge. ♂ h ☽	17	d
8	b	Terme begi.	scor.	21	11	* ♂ ♀ Δ ♀ ☽	18	e
9	c	♀ occidental	scor.	3	12	♂ ♀ ☽ faire and	19	f
10	d	♀ 13. 13	scor.	15	13	Δ ♀ ☽ coole win.	20	g
11	e	Sol in Gemin.	scor.	28	14	♂ ♀ ☽ and very	21	a
12	f	3 after Easter	sag.	10	15	Δ h ☽ ♀ Perige.	22	b
13	g	♂ 5. 15	sag.	23	16	☐ ♂ ☽ temperate	23	c
14	a	☉ Buls eye cap.	aqu.	6	17	☐ h ☽ * ♀ ♀	24	d
15	b	♀ 15 II	aqu.	16	18	* ♂ ☽ weather	25	e
16	c	♀ 15, 32 II	aqu.	1	19	☐ h ♀ some cold	26	f
17	d	☉ 6 34 II	aqu.	15	20	showres.	27	g
18	e	h 17. 34	pis.	29	21	☽ com ☽ Δ ♀ ☽	28	a
19	f	4 after Easter.	pis.	13	22	☐ ♀ ☽ windy	29	b
20	g	♀ 15, 28	pis.	27	23	♂ ♂ ☽ faire	30	c
21	a	♂ 02. with	ari.	11	24	☽ Perige. ☐ ♀ ☽	31	d
22	b	h orientall	ari.	25	25	♂ ♀ ☽ temperate	1	e
23	c	♀ 02. with	tau.	10	26	☽ with 7 starres.	2	f
24	d	☉ 13. 15 II	tau.	25	27	* ♂ ☽ wholesom	3	g
25	e	♀ 26. 13	gem.	9	28	* h ☽ showers	4	a
26	f	hogarton f.	gem.	24	29	Δ ♀ ☽ ♂ ☉	5	b
27	g	♀ oc. with	canc.	8	30	♂ ♀ ☽ cold wind	6	c
28	a	♀ with poll.	canc.	22	31	☐ h ☽ & cloudy.	7	d
29	b	♀ oc with	leo	5	1	♂ ♀ ☽ very hot	8	e
30	c	Attention d.	leo	18	2	thunder in some	9	f
31	d	h 18, 42	virg.	1	3	♂ h ♂ places.	10	g

June hath xxx. dayes.

- First quarter the 2 day, 19 min. past 5 in the morning,
- ♂ Full moon the 10 day, 30 min. past 5 in the morning.
- Last quarter the 16 day, at a 11 a clock at night.
- ♂ New moon the 25 day, 51 min. past 3 in the morning.

1	e	♂ 17, 55 ♀ virg.	12 7	♂ com. ♀	11	a
2	f	5 sun, after Ea	24	♂ ♀ ♀ Faire	12	b
3	g	Termine end lib.	6 9	♂ ♀ ♀ stormy	13	c
4	a	♂ 21, 30 ♀	18 10	□ ♀ ♀ * ♀ ♀	14	d
5	b	♂ 24, 11 ♀	29 11	□ ♀ ♀ these 3 or	15	e
6	c	♀ 9, 18 ♀ scor.	11 12	□ ♀ ♀ 4 dayes	16	f
7	d	♀ 21, 36 ♀	24 13	♂ ♀ ♀ ♀	17	g
8	e	♂ 19, 18 ♀ sag.	6 14	△ ♀ ♀ hot and a	18	a
9	f	Whit Sunday	19 15	△ ♀ ♀ temperate	19	b
10	g	♂ 19, 50 ♀ cap.	2 16	aire to the 13 day,	20	c
11	a	Sol in Cancer	15 17	□ ♀ ♀ then ex-	21	d
12	b	Ember weeke	28 18	♂ ♀ ♀ pest wind	22	e
13	c	♂ 27, 59 ♀ aqu.	12 19	♂ ♀ ♀ ♀ ♂ ♀ &	23	f
14	d	♀ 17, 45 ♀	26 20	□ ♀ ♀ thunder.	24	g
15	e	♀ 29, 10 ♀ pis.	9 21	♂ com. ♀ * ♀ ♀	25	a
16	f	Trinity sun	23 22	△ ♀ ♀ △ ♀ ♀	26	b
17	g	♂ enters ♀ ari.	7 23	□ ♀ ♀ aper. por.	27	c
18	a	♂ ori. with ♀	27 24	♂ ♀ ♀ ♀ ♀	28	d
19	b	♂ ori. with ♀ tau.	6 25	♂ ♀ ♀ various &	29	e
20	c	Corpus Christ	20 26	□ ♀ ♀ cloudy	30	f
21	d	Termine beg gem.	4 27	* ♀ ♀ war me	1	g
22	e	♀ retrograd	18 28	* ♀ ♀ showres	2	a
23	f	1 sun. asc. Tri. can.	2 29	* ♀ ♀ very tem-	3	b
24	g	John Bapt.	16 30	□ ♀ ♀ perat wea.	4	c
25	a	♀ or. with ♀	29 31	♂ ♀ ♀ windy.	5	d
26	b	♂ 14, 39 ♀ leo	13 1	□ ♀ ♀ thunder &	6	e
27	c	♀ or. with ♀	25 2	♂ ♀ ♀ great heat	7	f
28	d	♂ 20, 26 ♀ vir.	8 3	♂ com. ♀ △ ♀ ♀	8	g
29	e	Perer apo.	20 4	△ ♀ ♀ faire	9	a
30	f	2 sun. asc. Tri. lib.	2 5	* ♀ ♀ aper. por.	10	b

July hath xxxj. dayes.

- First quarrer the 1 day, 3 quarrers past 10 in the night
- ♂ Full moone the 9. day halfe an houre past 2 after noone
- Last quarter the 16. day, at 1 a clock in the afternoone
- ♂ Newmoon the 23. day, at 3. a clocke in the after noone
- First quarter the last day at 4 a clock in the after noon.

1	a	h 20, 23 ♀ lib.	14	♂	♂ Apogeeon heate	11	c
2	a	♂ 24, 16 ♂	26	7	♂ h ♂ □ ○ h	12	d
3	b	♂ 12 ♂ scor.	7	8	♂ ○ ♀ wind and	13	e
4	c	○ 22, 16 ♂	19	9	♂ ♀ ♂ showers.	14	f
5	d	♀ 8, 18 ♀ sag.	2	10	□ ♀ ♂ very hot	15	g
6	e	♀ 19, 18 ♂	14	11	△ h ♂ these three	16	a
7	f	3 sun. aft. Tri.	27	12	* ♀ ○ dayes,	17	15
8	g	♂ with 7 star cap.	10	13	♂ ♀ ♂ windy	18	c
9	a	○ 26, 59 ♂	24	14	△ ♀ ♂ temperate	19	d
10	h	Terme ends aqu.	8	15	* ♂ ♀ windy	20	e
11	c	♀ orizontall	22	16	□ ♂ ♀ ♂ hot &	21	f
12	d	♂ 25, 58 ♂ pis.	6	17	♂ com ♂ cloudy,	22	g
13	e	Sol in Leone.	20	18	♂ in ♂ ♀ & * ♀	23	a
14	f	4 sun. aft. Tri. ari.	6	19	♂ Vac. curse.	24	15
15	g	h or. with ♂	18	20	□ ♂ △ ♀ ♂	25	c
16	a	♀ Direct tau.	2	21	♂ overcast.	26	d
17	b	♂ or. with ♂	16	22	♂ ♂ △ ♀ ♂	27	e
18	c	♂ Wils epe gem.	1	23	♂ ♀ ♂ scarce	28	f
19	d	Dog day or	14	24	□ ♀ ♂ faire	29	g
20	e	♂ under ♀	28	25	♂ with 7 starres	30	a
21	f	5 sun. aft. Tri can.	11	26	♂ ♀ ♂ windy.	31	15
22	g	○ 10, 24 ♂	25	27	* ♂ ♂ □ h ♀	1	c
23	a	h 2, 59 ♀ leo	8	28	♀ with the heart of	2	d
24	b	h retrograd	21	29	♂ ♀ ♂ the Lion,	3	e
25	c	James ap. virg.	3	30	♂ com ♂ ♂ ♂	4	f
26	d	♂ 28 ♂	16	31	□ ♀ ♂ raine or	5	g
27	e	♂ 27, 54 ♂	27	1	♂ ♀ ♂ thunder	6	a
28	f	6 sun. aft. Tri. lib.	10	2	* ♀ ♀ and windy	7	15
29	g	○ 16, 9 ♂	22	3	♂ h ♂ * ♂ ♀	8	c
30	a	♀ 26, 7 ♀ scor.	3	4	♂ Vac. curse	9	d
31	b	♀ enters ♂	15	5	□ ♀ ♂ windy	10	e

August hath xxxj dayes.

- ♂ Fullmoon the 8 day, 30 min. past 3 in the morning.
 ☐ Last quarter the 14 day, 33 min. past 6 a clock at night.
 ♂ New moon the 22 day, 45 min. past 5 in the morning.
 ☐ First quarter the 30 day, 42 min. past 8 in the morning

1	f	Laminasda.	scor.	27	9	♂ ♀ ♀	Faire and	11	f
2	d	2 or. with ♀	sag.	10	10	△ ☉ h	hot wea.	12	g
3	e	h 20. 53 ♀		22	11	♂	with the bulls ey	13	a
4	f	7 sun. aft. Tri	cap.	5	12	♀	enters Libra	14	b
5	g	♀ 29. 12 ♂		18	13	☐ h ♀	faire and	15	c
6	a	♂ 4. 6 ♀	aqu.	2	14	△ ♀ ♀	temperate	16	d
7	b	☉ 24. 47 ♂		16	15	* h ♀	cloudy	17	e
8	c	♀ 02. with ♀	pis.	1	16	♂ ♀ ♀	wind and	18	f
9	d	♀ 1. 33 ☐		15	17		some showres	19	g
10	e	h 20. 45 ♀		29	18	* ♀ ♀	Perige.	20	a
11	f	8 sun. aft. Tri.	ari.	14	19	☐ ♀ ♂ h	hot	21	b
12	g	♀ 29. 54 ♂		29	20	☐ ☉ ♀	faire wea.	22	c
13	a	Solin Virgo.	tau.	13	21	△ ♀ ♀	ther these	23	d
14	b	h with 7 *		27	22	♂ ♀ ♀	three days.	24	e
15	c	♂ 9. 26 ♀	gem.	11	23	☐ ♀ ♀	stormy	25	f
16	d	♀ 2. 36 ☐		25	24	☐ ♂ ♀	weather	26	g
17	e	♀ retrograd	can.	8	25	△ ♀ ♀	☐ ♀ ♀	27	a
18	f	9 sun. aft. Tri.		21	26	☐ h ♀	♂ ♀ ☐	28	b
19	g	h 20. 26 ♀	leo	4	27	* ♀ ♀	faire tem-	29	c
20	a	♀ enters ♀		17	28		perate and good	30	d
21	b	♂ 12. 51 ♀		29	29	☐ ♂ ♀	♂ ☉ ♀	31	e
22	c	☉ 9. 17 ♀	vir.	12	30		harvest weather.	1	f
23	d	♀ 1. 34 ☐		24	31		in apogee.	2	g
24	e	Satol. Ap	lib.	6	2	△ ♀ ♂ ♀		3	a
25	f	10. after Trin		18	3	☐ ♂ ♀	windy &	4	b
26	g	♀ occidental		29	4	△ ♀ ♀	stormy,	5	c
27	a	Dog day end	scor.	12	5	* ♀ ♀	weather	6	d
28	b	♀ 19. 35 ♀		24	6		faire and temperate	7	e
29	c	h 19. 56 ♀	sagi.	6	7	♂ ♀ ♀		8	f
30	d	♀ 1. 3 ♀		18	8	☐ ♀ ♀	windy	9	g
31	e	♂ 18. 13 ♀	capr.	1	9	☐ ♀ ♀	☐ ☉ ♂	0	a

September hath xxx. dayes.

- ♂ Full moon the 6 day, at 6 min. past 11 before noon
 ☐ Last quarter the 13 day, 15 min. past 2 in the morn.
 ♂ New moon the 20 day, 30 min. past 8 in the after noon.
 ☐ First quarter the 28 day, 46 min. past a 11 at night.

1		11 after Trin.	cap. 13	10	☐ h ♀ pleasant &	11	
2	g	☉ 19, 59 ♉	26	11	* h ♂ temperate	12	c
3	a	♀ 26, 45 ♉	aqu. 10	12	△ ♀ ♀ weather	13	d
4	b	♀ enters ♉	24	13	☐ com. ☉ ☐ ♀	14	e
5	c	h 19.30. ♉	pis. 8	14	most of these daies	15	f
6	d	♀ 1, 13 ♉	23	15	☐ ♂ ♀ ☉ ☉ ♀	16	g
7	e	♂ 21.41 ♉	ari. 8	16	☐ Perige. ♂ ♀	17	a
8	f	12 after Trin.	23	17	♂ h ♀ some	18	b
9	g	♀ occidental	tau. 8	18	☐ ♂ ♀ showers	19	c
10	a	☐ 7 starrs	23	19	♀ Perigeon.	20	d
11	b	♀ ost. with ♀	gem. 3	20	♂ ♀ ♀ hot and	21	e
12	c	☐ under ♂	21	21	♂ ♂ ♀ thunder	22	f
13	d	Sol in Libra.	can. 5	22	☐ ☉ ♀ ♂ h ♀	23	g
14	e	Exal. Crucis	18	23	☐ ♀ ♀ ♀ windy	24	a
15	f	13 after Trin.	leo 1	24	* ♀ ♀ faire and	25	b
16	g	♀ retrograde	14	25	△ h ♀ temperate	26	c
17	a	♀ 18, 47 ♉	26	26	☐ com. ☉ ☐ ♀	27	d
18	b	Ember weeke	virg. 9	27	△ ♂ ♀ coole and	28	e
19	c	♀ 27, 37 ♉	21	28	♂ ♀ ♀ cloudy	29	f
20	d	h 18, 26, ♉	libr. 3	29	☐ ♂ △ ♀	30	g
21	e	☐ arch. ♉	16	1	♂ h ♀ ♀ apog.	1	a
22	f	14 after Trin.	27	2	♂ ♀ ♀ some wind	2	b
23	g	♀ ☉. 56 ♉	scorp. 8	3	these two dayes.	3	c
24	a	♂ 28, 59 ♉	20	4	♀ with the Bulsey	4	d
25	b	☉ 12 36 ♉	sag. 2	5	♂ ♀ ♀ faire and	5	e
26	c	♀ 16. 30 ♉	14	6	☐ ♀ ♀ cleare	6	f
27	d	♂ 02. with ♀	27	7	♂ ♂ ♀ sultry	7	g
28	e	♀ 10, 11 ♉	cap 9	8	h perig. △ ♀	8	a
29	f	☐ arch. ♉	22	9	♂ ☉ h Raine,	9	b
30	g	♀ direct	aqu. 5	10	may be thunder,	10	c

October hath xxxj. dayes.

♂ Full moone the 5. day, 15 min. past 6. a clocke at night.
 □ Last quatter the 12. day, 20 min. past 1. a clock after noon.
 ♂ New moone the 20. day, 22. min past 2. in the afternoon
 □ First quatter the 28 day, 10 min. past 1 afternoon.

1	a	h 17, 34 ♀ aqu.	18	11	□ ♀ D windy	11	d
2	b	h occidental pis.	2	12	D com. ☿ □ ♀ D	12	e
3	c	♀ 0, 21 ♀	17	13	♂ ♀ D wet,	13	f
4	d	♂ 2, 20 ♀ aries	1	14	☉ com spica ♀	14	g
5	e	D under h	15	●	D perig. ♂ h D	15	a
6	f	16 after Trin. tau.	2	16	* ♂ D mild and	16	b
7	g	♀ 16, 26 ♀	16	17	♂ ♂ D temperate	17	c
8	a	D Bulg eye gem.	1	18	♂ ♀ D faire	18	d
9	b	☉ 26, 31 ☿	15	19	□ ♀ D cold	19	e
10	c	♂ 02. with D	29	20	♂ ♀ D raine	20	f
11	d	♀ 20, 13 ♀ can.	14	21	□ h D cloudy	21	g
12	e	D with pres.	28	☿	* ♀ D mild and	22	a
13	f	Sol in scor. p. leo	11	23	△ h D temperat	23	b
14	g	h 16, 33 ♀	23	24	D com. ☿ □ ♀ D	24	c
15	a	♀ retrograd virg.	6	25	☉ with Lucida	25	d
16	b	♀ 02. with D	18	26	♂ ♀ D cloudy	26	e
17	c	♀ 28, 57 ♂ lib.	1	27	□ ♂ D △ ☉ ♂	27	f
18	d	Lun. & dan.	12	28	♂ h D raine	28	g
19	e	D with sp. ♀	24	29	D in Apogeon.	29	a
20	f	18 sun. aft. Tr scor.	●	cloudy,	30	b	
21	g	♀ 02. with D	17	1	♂ ♀ D windy	31	c
22	a	☉ 9, 33 ♀	29	2	D in ♂ ♀ & * ♀	1	d
23	b	Terme beg. sag.	11	3	△ h D temperate	2	e
24	c	h 15, 54 ♀	24	4	□ ♀ D △ ♀ ♀	3	f
25	d	♀ 27, 59 ♂ capr.	6	5	♂ ♂ D ♀ perig.	4	g
26	e	♂ 6, 2 ♀	18	6	♂ ☉ ♀ windy &	5	a
27	f	19 sun. aft. Traqua.	17	7	△ ♀ D darke aire	6	b
28	g	Sol in scor.	14	8	□ ♀ D or raine	7	c
29	a	♀ orientall	27	9	□ ♀ D D com. ☿	8	d
30	b	♂ retrograd pis.	11	10	♂ retrograde	9	e
31	c	☉ 18, 37 ♀	25	11	* ♀ D cloudy	10	f

November. hath xxx. dayes.

- ♂ Full moon the 4 day, at 24 min. past 5 in the morn.
- ☐ Last quarter the 11 day, 6 min. past 9 a clocke after noon
- ♂ New moon the 19 day, 6 min. past 9. before noon.
- ☐ First quarter the 27 day, 50 min. past noone,

1	d	☐ 4, 49 ☐	ari.	10	12	♂ ♀ ♂ ♀	11	☐
2	e	♀ 4, 49 ☐		25	13	☐ ♀ ♂ ♀	12	☐
3	f	20 sun. aft. Tr	tau.	10	14	♂ ♀ ☐ ♂ ♀	13	☐
4	g	☐ 7 starres		25	15	♂ ♀ ☐ temperate	14	☐
5	a	☐ 8, 41 M	gem.	10	16	* ♀ ☐ a dark	15	☐
6	b	♀ 8, 41 M		25	17	☐ ♀ ☐ a dark	16	☐
7	c	♀ Direct	can.	10	18	♂ ♂ ☐ ♂ ♀ ☐	17	☐
8	d	h 14, 56 ♀		24	19	* ♀ ☐ faire and	18	☐
9	e	☐ occidental	leo	7	20	☐ ♀ ☐ clear	19	☐
10	f	21 sun. aft. Tr		20	21	☐ ♀ ☐ weather	20	☐
11	g	☐ 25, 38 ♂	virg.	2	22	☐ com. ☐ * ♂ ☐	21	☐
12	a	☐ in Sagitt.		15	23	♀ apog. ♂ h ♀	22	☐
13	b	♂ 4, 23 ☐		27	24	☐ ♀ ☐ cloudy	23	☐
14	c	♀ 12, 49 M	libr.	9	25	♂ h ☐ expect som	24	☐
15	d	♀ 02. with ☐		20	26	♂ ♀ ☐ rain about	25	☐
16	e	☐ 4, 50 ♂	scorp.	2	27	☐ ♂ ☐ this time	26	☐
17	f	22 sun. aft. Tr		14	28	☐ perig. ♂ ♀ ☐	27	☐
18	g	h 14, 31 ♀		26	29	♂ ♀ ☐ temperate	28	☐
19	a	☐ 24, 32 ♂	sag.	8	30	☐ weather	29	☐
20	b	♂ 2, 30 ☐		20	1	* ♀ ☐ warm and	30	☐
21	c	☐ 9, 55 ♂	cap.	3	2	♂ ♂ ☐ cloudy	1	☐
22	d	♀ 24, 6 ☐		15	3	☐ h ☐ cold and	2	☐
23	e	♀ 22, 54 M		28	4	♂ ♀ ☐ windy,	3	☐
24	f	23 after Trin	aqu.	11	5	☐ under 7 starres,	4	☐
25	g	h 14, 18 ♀		24	6	☐ ♂ ☐ Δ ☐ h	5	☐
26	a	☐ 15, 1 ♂	pis.	7	7	Δ ♂ ☐ milde	6	☐
27	b	☐ 23, 30 ♂		21	8	* ♀ ☐ raine	7	☐
28	c	Terme ends	air	5	9	☐ ♂ ☐ windy	8	☐
29	d	h 02. with ☐		16	10	♂ h ☐ a cold airc	9	☐
30	e	☐ 02. with ☐	tau.	4	11	☐ Perige. ♂ ♀ ☐	10	☐

December hath xxxj. dayes.

- ♂ Full moone the 3. day, 15 min. past 4. a clocke at night.
 □ Last quarter the 10. day, 42 min. past a 11. before noon.
 ♂ New moone the 19. day, at 3 a clock in the morn.
 □ First quarter the 26 day, 28 min. past 10. in the forenoon

1	f	Advent sund. tau.	19	12	♂ ♀	▷	Faire	11	13
2	g	▷ under 7 * gem	4	13	♂ ♀	▷	windy	12	c
3	a	⊙ 29.2 ♀	19	14			cloudy,	13	d
4	b	♂ or. with ▷ can.	3	●	♂ ♂	▷	raine	14	e
5	c	♀ 8.7 m	18	16	□ h	▷	or fleet	15	f
6	d	♀ 12.5 ♀ leo	2	17	△ h	♀	wind and	16	g
7	e	h direct	15	18	♂ ⊙	♂	raine	17	a
8	f	2 in Advent.	28	19	▷	com.	♂ □ ♀ ▷	18	b
9	g	h 14, 14 ♀ virg.	11	20	* ♀	▷	temperate	19	c
10	a	♀ 22, 8 ♂	23	21	□ ♀	♂	▷ windy	20	d
11	b	Sol in Capric. lib.	5	⊕	♂ ♀	♀	raine &	21	e
12	c	♂ 24. 19 ♀	17	23	♂ ♂	♀	tempestuo	22	f
13	d	Lucie virgin	29	24	△ ♂	▷	♀ perige.	23	g
14	e	♀ 18. 12 m scor.	11	25	▷	in Apogeon.		24	a
15	f	3 in Advent.	23	26	♂ ♀	▷	cloudy	25	b
16	g	♀ enters ♄ sag.	5	27	▷	Vac. curse		26	c
17	a	⊙ 6.27 ♄	17	28	♂ ♂	▷	cold	27	d
18	b	Ember week.	29	29	♂ ♀	▷	windes	28	e
19	c	h 14, 21 ♀ capr.	12	●	□ h	▷	mild and	29	f
20	d	♀ 21, 23 ♂	26	1	* ♀	▷	temperate	30	g
21	e	Thomas a. aqua.	8	2		the 22, 23, & 24. da		31	a
22	f	4 in Advent.	21	3	▷	com.	♂ ♂ ⊙ ♀	1	b
23	g	♂ 20. 39 ♀ plf.	4	4		cold winds and		2	c
24	a	⊙ 13. 36 ♄	18	5	□ ♂	▷	□ h ⊙	3	d
25	b	Thom. dag aries	26	6		snow or raine		4	e
26	c	S. Stephen	16	7	♀	enters ♀		5	f
27	d	John Chan. tau.	1	8	△ ♀	♀	cold aire	6	g
28	e	Innocent	14	9	♂ ♀	▷	△ ♀ ▷	7	a
29	f	♀ or. with ▷	28	10	♂ ♀	▷	frost like	8	b
30	g	♂ or. with ▷ gem.	13	11	♂ ♂	▷	mild and	9	c
31	a	♀ occidentall	27	12	△ ⊙	♀	temperate	10	d

Ashwell. 1644.

A Prognostication for the yeare of
our Lord God, 1644.

Being the Bissextile or Leap-yeare.

Wherein is contained a Declaration of the
four Quarters of the yeare, Celestiall
observations, and Astrological
predictions therein.

Also briefe Solutions of questions
of Interests, exactly calculated after the
rate of 8. per cent. per an. And is so plain-
ly shewed, that such as have but
mean skill in the Art of Numbers
shall well understand how
to make use of them.

By SAMUELL ASHVVELL.

LONDON,

Printed by I. L. for the Company of
STATIONERS. 1644.



A Description of the severall parts of the Almanack for this present yeere. 1644.

In the first Columnne is the dayes of the moneth, the second is the dayes of the weeke *G.* being Sunday Letter, till the 25. of *February*, and *F.* all the rest of this Leap-yeare. The third Columnne hath Feast and Holydayes, the beginning and end of Tearme, the places of the Planets, Orientall, when they are to bee scene before Sun-rising, Occidentall, when they are to be seen after Sun-set, &c. The fourth is the signe and degree the Moone is in every day at noone. The fift Columnne is the age of the Moone. The sixth is the Aspects of the Moone and Planets, and a probable conjecture of the weather.

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A briefe Description of the foure Quarters of this yeare. And first of Winter.

Winter (which truely and sensibly beginneth in *Novem-
ber*) is usnally said to begin at suchtime as the Sun is fur-
thest deflected from us the Northerne Inhabitants of the
earth, which fell out the last yeare 1643. upon Munday the
eleventh day of *December*, 22 minutes past 9 of the clocke in
the night, *Sol* then entring the first scruple of *Capricorne*, at
which instant of time, the beginning of the cold & dry signe
ix. is in the ascendent, or horoscope, ; The Sun is applying
to a \square of h in Aries causing *Apertio Portarum*, & the D new-
ly separated from U is applying to the seven starres; *Mercuri-*
us who is Lord of the horoscope, is in conjunction with
fiery *Mars* in the North Angle: which severall Positions
will (no doubt) produce turbulent winds, and sudden showres
mixt with haile and snow in divers places, with cold,
cloudy and darke weather agreeing with the season. Many
other matters might hence be observed according to the
Doctrine of Astrologers. But thus much for Winter.

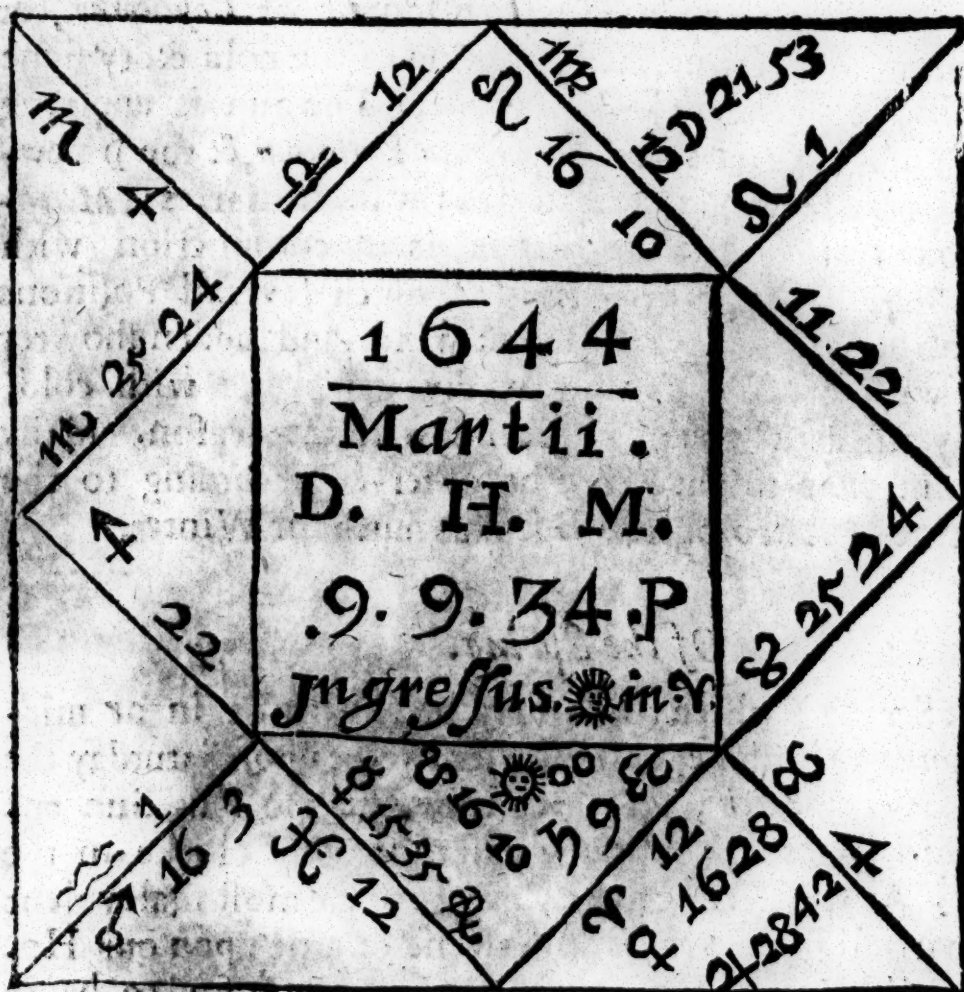
Of the Spring.

A **T**He Spring (which truely may be said to begin at mid-
February) doth begin this present yeere upon Saturday the
ninth day of *March* ; At which time the glorious Sun en-
ters into Aries, 34 minutes past nine of the clocke in the
night : At which time the 25. degree of the most malevolent
and martiall signe *Scorpio* doth ascend or arise upon our Ho-
rizon; This is the House of *Mars*, whom I find to be in
 O to the D in *Aquaries*, lately separated from the \square of U , and
 h U and Q in the hot and dry signe Aries, Q hasteneth to
the conjunction of U , all which considered I am induced to
this generall conjecture, that the weather this Quarter is

A Prognostication.

not like to vary much from its owne naturall inclination which is hot and moyst, but is most like to retaine the same, yet the ♄ ♀ the 14. day of March, and ☐ ♀ the 17 day of May, may cause some cold showres, as is more particularly mentioned in the Almanacke.

A Figure of the Heaven at the Suns entrance into Aries Equino- ctiall vernall.



Of Summer.

Summer (which apparently and truly beginneth in May) according to our common account, doth begin when that glorious

Ashwell. 1644.

glorious Lamp of Heaven, or Royall Sol is mounted with us to the highest point of his Septentrionall ascendent, being then as neere to our Zenith, or vrticall point as he can approach, which will be this yeare on Tuesday the 11. day of June, 10. minuzes before one in the morning, the Sunne then entring the tropicall Signe *Cancer*. At which instant the 23. degree and 46. minutes of *Taurus* ascends upon our Horizon, the ♄ in *Capricorne*, in the mid heaven, in a □ of ♄ in the hot and dry signe *Aries* and in △ of ♄ in *Taurus*, and is applying to the □ of fiery *Mars*, who is also in the hot and dry signe *Aries*, ♀ in the North Angle in 14. degree of *Leo*; By which severall positions and configurations, I gather that the Summer will prove very hot, and dry, and unkindly with many fiery flashings and impressions in the Ayre. And thus much for Summer.

Of Autumne or Harvest.

THE Autumne or Harve st quarter (which in common sense begins in August) according to Astronomical computation doth begin at such time as the Sunne enters into the first scruple of the second Equinoctiall signe *Libra*, which will be this present yeare the 12 day of September at three a clocke and 47. minutes in the afternoone: At which instant of time the beginning of the cold and moyst Signe of *Pisces* is in the ascendent, the ♄ who hath lately been with ♄ is in conjunction with ♄ in the hot and moyst Signe *Gemini*, and in a □ of ♀ in the cold and moyst signe *Scorpio*, ♀ is neare ☉ in the West Angle, and hasteneth to an ♂ of ♄: All which considered, may seeme to give arguments of tempestuous and blustering wind, which are likely to be heard of this quarter, bringing with them cold and sudden showres of raine, with indifferent store of snow intermixt.

Eclipses.

There will be two Eclipses of the Sunne to be seene to the Inhabitants of the earth this present yeare 1644. But because they will not be apparent above our Horizon, or seene of us in England, I thinke it not materiall to write farther thereupon.

A Prognostication.

Briefe Solutions of Questions of Interest by helpe of certaine Tables or Breviates exactly calculated after the rate of 8. per cent. per annum.

A generall direction to be observed in the use of these ensuing Tables,

When a Question is propounded, first consider unto what Table it doth belong, and then in one of the outmost Columnes under the Title of yeares, seeke for the time proposed in the Question, and the number in the Table right against it, take out and multiply it by the Summe of Money exprest in the Question, and from that product cut off seven figures toward the right hand, and the rest toward the left hand answereth the question in the same denomination that the money was in which you multiplied the number in the Table by. If it were pounds, the product is pounds; from which product cut off seven figures toward the right hand, and the rest on the left hand were pounds, and those seven figures cut off, are parts of one pound, which multiply by 20. and cut off seven figures of the product, as aforesaid, and the rest on the left hand are shillings; Again multiply those seven figures last cut off, by 12, and from that product cut off seven figures, as aforesaid, and the rest on the left hand are pence.

The

Ashwell. 1644.

The first Table is to shew what any sum
will amount unto at the end of any of the
yeares following, at 8. per cent.

per annum.

years following, at 8. per cent. per annum.			
years.		years.	
1	108000000	23	31638911
2	116640000	25	518170112
3	125971200	27	719623713
4	13604889	29	937193614
5	14692280	31	172169115
6	15868743	34	25942616
7	17138242	37	00018017
8	18509302	39	96019418
9	19990046	43	15701019
10	21589249	46	60957120

Example.

IF 240 l. be put out at interest for seven yeares, at 8. per cent.
per annum; unto how much will it amount at the end of that
time?

Because the time in this Question is seven yeares, take the
number that standeth against it which is 17138242, and
multiply it by 240 l. (the principall named in the question)
and the product will be 4113178080. from this cut off seven
figures, and it will stand thus, 411 | 3178080. the 411. on your
left hand is 411 l. Now multiply 3178080. (the seven fi-
gures cut off) by 20. and the product will be 63561600. from
this also cut off seven figures, & it will stand thus, 6 | 3561600
the 6 on your left hand is 6. shil-
li. Then mulipty 3561600. the
seven figures last cut off by 12.
& the product will be 42739200
from this also cut off seven fi-
gures, and it will stand thus,
4 | 5139200. the 4 on your left
hand is 4. d. So you have for an-
swer of the question 411 l. 6. s.
4. d. & c.

The Worke

17138242	240
685529680	
34276484	
1. 411	3178080
	20
Sh. 6.	3561600
	12
d. 4.	42739200

C 4

The

A Prognostication.

The second Table is to shew what any summe due
at the end of any of the yeares under written
is worth in ready money.

yeares.	
1	9259259
2	8573388
3	7938322
4	7350298
5	6805832
6	6301696
7	5834904
8	5402688
9	5002489
10	4631935

yeares.	
11	4288828
12	3971137
13	3676979
14	3404610
15	3152417
16	2918904
17	2702689
18	2502490
19	2317120
20	2145482

Example.

There is a Lease which at the end of nine yeares to come, is worth 500 l. downe; Now he that should sell this Lease, would know how much it is now worth in ready money, reckoning 8. per cent. per ann. Or more briefly, this is the question. To know how much 500 l. due 9. yeares hence, is worth in ready money.

For answer to this question, take the number in the Table against 9. yeares, and multiply it by 500 l. the principall propounded, as you did in the last Example.

The Worke.

$$\begin{array}{r}
 5002489 \\
 \times 500 \\
 \hline
 \text{Facit. } \left\{ \begin{array}{l} \text{l. } 2501244500 \\ \text{sh. } 20 \\ \text{d. } 4890000 \\ 5. 8680000 \end{array} \right.
 \end{array}$$

The

Ashwell. 1644.

The third Table is to shew what any annuity being forborne from yeare to yeare, for any of the years under written, will amount unto at the end thereof, at 8. per cent. per an.

Years.			Years.
1	10000000	166454874	11
2	20800000	189771264	12
3	32464000	214952965	13
4	45061120	242149203	14
5	58666009	271521135	15
6	73359290	303242830	16
7	89228033	337502256	17
8	106366276	374592437	18
9	124875578	414462632	19
10	144865624	457619642	20

Example.

If 40 l. per an. be forborne 15. yeares, how much will it amount unto at the end thereof, reckoning 8. per cent. per ann. interest, and every yeare interest upon interest?

The Worke.

		271521135	
		40	
		<hr/>	
Fa.	l.	1086	0845400
	sh.		20
	d.		
		1	6908000
		8	12
		<hr/>	
		2896000	

The

A Prognostication.

The fourth Table is to shew what any annuity is worth in ready money for any of the numbers of yeeres under written.

yeeres.										yeeres.
1	9	2	5	9	2	5	9			11
2	1	7	8	3	2	6	4	7		12
3	2	5	7	7	0	9	6	9		13
4	3	3	1	2	1	2	6	9		14
5	3	9	9	2	7	1	0	2		15
6	4	6	2	2	8	7	9	7		16
7	5	2	0	6	3	7	0	2		17
8	5	7	4	6	6	3	8	9		18
9	6	2	4	6	8	8	7	9		19
10	6	7	1	0	0	8	1	6		20

Example.

There is a Lease to be sold for 20 yeeres, wherof the Fine is 100 l. and the years rent, 10 l. the Lessee desireth to pay lesse Rent, & therefore is content to give a greater Fine. The question is therefore if the yearely Rent be decreased to 4 l. how much the Fine ought to be increased, reckoning 8. *per cent. per annum.*

Here you see that if the Rent of 10 l. be decreased to 4 l. then 6 l. *per ann.* is diminished; therefore find what 6 l. *per ann.* for 20. yeeres, is worth in ready money, and adde it to 100 l.

The Worke.

$$\begin{array}{r}
 98181474 \\
 6 \\
 \hline
 158 \overline{) 9088844} \\
 \underline{18} \\
 1776880 \\
 \underline{12} \\
 21322560
 \end{array}$$

The

Ashwell 1644.

The fift Table is to shew what annuity any summe ready money will buy to continue for any of the yeeres following.

ready money will buy to continue for any of the yeeres following.			
Yeeres.			Yeeres.
1	10800000	8400763	11
2	5607692	1326950	12
3	3880335	1265218	13
4	3019307	1211968	14
5	2504564	1168295	15
6	2163153	1129767	16
7	1920723	1096294	17
8	1740147	1067020	18
9	1600797	1041276	19
10	1492294	1018522	20

Example.

A Merchant hath 596 l. to bestow upon Annuity, which he would have to continue for 17. yeeres. The question is, what that Annuity ought to be, reckoning 8. per cent. per Annum.

The Worke.

$$\begin{array}{r}
 1096294 \\
 \underline{596} \\
 6571764 \\
 9866646 \\
 5481470 \\
 \hline
 \text{Fa. } \left. \begin{array}{l} \text{l. 6 s.} \\ \text{th. 6.} \\ \text{d. 9.} \end{array} \right\} \begin{array}{r}
 3385224 \\
 20 \\
 7704480 \\
 12 \\
 2453760
 \end{array}
 \end{array}$$

The

A Prognostication.

The fixt Table is to shew what yearely payment is
equall to any summe due at the end of any of
the yeares under written.

years.				years.
1	100000000		600764	11
2	4807692		526950	12
3	3080335		465218	13
4	2219208		412968	14
5	1704564		368295	15
6	1363153		329768	16
7	1120724		296294	17
8	940147		267020	18
9	800794		241276	19
10	690294		218522	20

Example.

A Merchant oweth 250 l. 10 s. to be paid at end of five
yeares, and he being willing to pay each yeare such a payment
as will countervail the debt, then due, would know what
each payment ought to be, allowing interest after the rate
of 8 per cent. per an.

The Worke.

$$\begin{array}{r}
 1704564 \\
 \quad 250.10s. \\
 \hline
 85228200 \\
 \quad 3409128 \\
 \hline
 882282
 \end{array}$$

{	l.	426993282
	sh.	139865640
	d.	118387680

To

Ashwell. 1644.

To the Reader.

FRIENDLY Reader, for thy sake, and the rest of my loving Countrey-men, I have taken paines to draw this Table following to shew the direct Interest of any summe under 500 l. for any time from a yeere to a day; which Interest it may be you will thinke strange of, when you compare it with other Tables of simple Interest, (which you shall finde to make much more then this sort of Interest;) yet (as the saying is) not so strange as true, and such as is rightly proportionall according to the rate of 8 l. for the forbearance of 100 l. for a yeere. For to reckon simple Interest at 8. *per cent.* according as all Tables and bookes under that Title doe make, is more then the said rate of 8. *per cent.* and the reason of it in briebe is this, because the set time whereat the 8 l. (interest of 100 l.) is due, is one yeere, therefore he that receiveth Interest for any time under a yeere, ought to rebate accordingly for the Interest he receiveth, else hee receives more then the rate abovesaid of 8. *per cent.* For if 100 l. be let for six moneths, to have 4 l. at the end thereof, for use of it, and then the Bond be renewed again for six moneths more to the same party, or another, to have 4 l. also at the other six monethes end; it's is true, he that receiveth the Interest, receiveth but 8 l. directly, yet indirectly he receiveth more, because he hath the use of the first 4 l. for the last six monethes to himselfe, which you shall finde to be almost 3 s. 2 d. more then 8 l. at the yeares end; and so much is losse to him that payeth the Interest: this reason amongst others that might be given, I suppose is sufficient to shew how equall and secure both to lender and borrower this sort of interest is. Howsoever some have boasted much of the perfection of their workes in this kind; when that dayly experience sheweth that in every Art something is found out more then was knowne before, or at least many things made more plaine & easie to be understood of all: so may I say of this manner of accounting Interest, though it be as ancient as any, and approved of by the best accomptants, yet never made so plain and easie for all to make use of, as now it is. Which I commend to thy ingenuous consideration and benefit,

Right

A Prognostication.

Right proportionall Interest at 8. per centum, for
500 l. is for each moneth as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
2. 4. 4.	6. 0. 1.	9. 14. 2.	12. 19. 10.	16. 5. 10.	19. 12. 2.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
22. 19. 2.	26. 6. 5.	29. 14. 2.	33. 2. 4.	36. 10. 11.	40. 0. 0.

Interest for 400 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
2. 11. 5.	5. 3. 3.	7. 15. 5.	10. 7. 10.	13. 0. 8.	15. 13. 10.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
18. 7. 4.	21. 1. 2.	23. 15. 4.	26. 9. 10.	29. 4. 9.	32. 0. 0.

Interest for 300 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
1. 18. 7.	3. 17. 5.	5. 16. 6.	7. 15. 11.	9. 15. 6.	11. 15. 4.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
13. 15. 6.	15. 15. 10.	17. 16. 6.	19. 17. 5.	21. 18. 7.	24. 0. 0.

Interest for 200 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
1. 5. 9.	2. 11. 7.	3. 17. 8.	5. 3. 11.	6. 10. 4.	7. 16. 11.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
9. 3. 8.	10. 10. 7.	11. 17. 8.	13. 4. 11.	14. 12. 4.	16. 0. 0.

Interest for 100 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
0. 12. 10.	1. 5. 10.	1. 18. 10.	2. 12. 0.	3. 5. 2.	3. 18. 5.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
4. 11. 10.	5. 5. 3.	5. 18. 10.	6. 12. 5.	7. 6. 2.	8. 0. 0.

Interest for 50 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
0. 11. 7.	1. 3. 3.	1. 14. 11.	2. 6. 9.	2. 8. 8.	3. 10. 7.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
4. 2. 8.	4. 14. 9.	5. 6. 11.	5. 19. 2.	6. 11. 7.	7. 4. 0.

Interest for 20 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
0. 10. 3.	1. 0. 8.	1. 11. 1.	2. 1. 7.	2. 12. 2.	3. 2. 9.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
3. 13. 4.	4. 4. 3.	4. 15. 1.	5. 6. 0.	5. 17. 0.	6. 8. 0.

Ashwell. 1644.

Interest for 70 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
1. s. d.	1. s. d.	1. s. d.	1. s. d.	1. s. d.	1. s. d.
0. 9. 0.	0. 18. 1.	1. 17. 2.	1. 16. 5.	2. 5. 7.	2. 14. 11
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
3. 4. 3.	3. 13. 8.	4. 3. 2.	4. 12. 9.	5. 2. 4.	5. 12. 0.

Interest for 60 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
0. 7. 8.	0. 15. 6.	1. 3. 4.	1. 11. 2.	1. 19. 1.	2. 7. 1.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
2. 15. 1.	3. 3. 2.	3. 11. 3.	3. 19. 6.	4. 7. 8.	4. 16. 0.

Interest for 50 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
0. 6. 5.	0. 12. 11.	0. 19. 5.	1. 6. 0.	1. 12. 7.	1. 19. 3.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
2. 5. 11.	3. 12. 8.	2. 19. 5.	3. 6. 3.	3. 13. 1.	4. 0. 0.

Interest for 40 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
0. 5. 2.	0. 10. 4.	0. 15. 6.	1. 0. 9.	1. 6. 1.	1. 11. 4.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
1. 16. 9.	2. 2. 1.	2. 7. 6.	2. 13. 0.	2. 18. 6.	3. 4. 0.

Interest for 30 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
0. 3. 10.	0. 7. 9.	0. 11. 8.	1. 5. 7.	0. 19. 6.	1. 3. 6.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
1. 7. 6.	1. 11. 7.	1. 15. 8.	1. 19. 9.	2. 3. 10.	2. 8. 0.

Interest for 20 l. is as followeth.

1. Mon.	2. Mon.	3. Mon.	4. Mon.	5. Mon.	6. Mon.
0. 2. 7.	0. 5. 2.	0. 7. 9.	0. 10. 5.	0. 13. 0.	0. 15. 8.
7. Mon.	8. Mon.	9. Mon.	10. Mon.	11. Mon.	12. Mon.
0. 18. 4.	1. 1. 2.	1. 3. 9.	1. 6. 6.	1. 9. 3.	1. 12. 0.

Simple

A Prognostication.

Simple interest for each day is as followeth.

Interest for 500 l. for 1. day is 2. shil. 1. d. 1 q. for 2. dayes 4 shil. 2. d. 2 q. for 3. dayes 6. s. 4 d. for 4 dayes, 8. shil. 5. d. 1. q. for 5 dayes 10 shil. 6 d. 2 q. for 10. dayes 1 l. 1 shil. 1 d. 1 q. for 20 dayes, 2 l. 2 s. 3 d.

Interest for 400 l. for one day is, 1 s. 8 d. 1 q. for 2 dayes 3 s. 4 d. 2 q. for 3 dayes, 5 s. 0 d. 3 q. for 4 dayes, 6 s. 9 d. for 5 dayes, 8 s. 5 d. 1 q. for 10 dayes, 16 s. 10 d. 2 q. for 20 dayes 1 l. 13 s. 9 d. 2 q.

Interest for 300 l. for 1 day is, 1 s. 3 d. for 2 dayes, 2 s. 6 d. for 3 dayes, 3 s. 9 d. 2 q. for 4 daies, 5 s. 0 d. 3 q. for five daies, 6 s. 4 d. for 10 dayes, 12 s. 8 d. for 20 dayes 1 l. 5 s. 4 d. 1 q.

Interest for 200 l. for one day is, 10 d. for two dayes, 1 s. 8 d. 1 q. for 3 dayes 2 s. 6 d. 1 q. for 4 dayes 3 s. 4 d. 1 q. for 5 dayes 4 s. 2 d. 2 q. for 10 dayes 8 s. 5 d. 1 q. for 20 dayes 16 s. 10 d. 3 q.

Interest for 100 l. for one day is, 5 d. for 2 dayes 10 d. for 3 dayes 1 s. 3 d. for four dayes, 1 s. 8 d. 1 q. for five daies, 2 s. 1 d. 1 q. for ten dayes is 4 s. 2 d. 2 q. for twenty dayes, 8 s. 5 d. 2 q.

Interest for 90 l. for one day is, 4 d. 2 q. for two dayes 9 d. for 3 dayes 1 s. 1 d. 2 q. for four dayes 1 s. 6 d. 1 q. for five dayes 1 s. 10 d. 3 q. for ten dayes 3 s. 9. 2 q. for twenty dayes, 7 s. 7 d. 1 q.

Interest for 80 l. for one day is, 4 d. two dayes 8 d. for three dayes 1 s. for 4 dayes 1 s. 4 d. 1 q. for five dayes, 1 s. 8 d. 1 q. for 10 dayes 3 s. 4 d. 2 q. for 20 dayes 6 s. 9 d.

Interest for 70 l. for one day is 3 d. 2 q. for two dayes 7 d. for 3 dayes 10 d. 2 q. for 4 dayes, 1 s. 2 d. for 5 dayes, 1 s. 5 d. 3 q. for 10 dayes 2 s. 11 d. 2 q. for 20 dayes, 5 s. 11 d.

Interest for 60 l. for one day is, 3 d. for 2 dayes 6 d. for 3 dayes 9 d. for 4 dayes 1 s. for 5 dayes 1 s. 3 d. for 10 dayes 2 s. 6 d. 1 q. for 20 dayes 5 s. 0 d. 3 q.

Interest for 50 l. for one day is, 2 d. 2 q. for two dayes, 5 d. for 3 dayes 7 d. 2 q. for 4 dayes 10 d. for 5 dayes 1 s. 2 q. for 10 dayes, 2 s. 1 d. 1 q. for 20 dayes 4 s. 2 d. 3 q.

Interest for 40 l. for one day is, 2 d. for two dayes 4 d. for three dayes 6 d. for four dayes 8 d. for five dayes 10 d. for 10 dayes 1 s. 8 d. 1 q. for 20 dayes 3 s. 4 d. 2 q.

A

*A Table of the age of the Moone, and her
coming to the South point.*

The Moones age.		Her com- ming to South.	
Dayes.		Ho.	Min.
1	16	12	48
2	17	1	36
3	18	2	24
4	19	3	12
5	20	4	00
6	21	4	48
7	22	5	36
8	23	6	24
9	24	7	12
10	25	8	00
11	26	8	48
12	27	9	36
13	28	10	24
14	29	11	12
15	30	12	00

TO finde the Moones coming to the South doe this:
First, finde her age in the first Columne in the Kalender, which age finde againe in one of the rowes upon the left hand this little Table descending or ascending; against which in the third columne is the time of her being South. As the first day of *January* she is two dayes old, cometh to the South at 36. minutes after one of the clock.

And you must note that the Moone from the change to the full, she comes to the South after noone: and from the full to the change, she comes to the South before noone. Note also, that 60. minutes make an houre, 30. minutes halfe an houre, 15. minutes a quarter of an houre.

A briefe and easie method to finde the time of high water in most of the Havens of this Kingdome, and Countries adjoyning: as also upon what point of the Compassse it followeth in any of those Coasts.

First (as you are before instructed) finde what houre the Moone will be South, for you may then conclude, that it is high water at *Southampton*, *Quinborow*, and *Portsmouth*, for there the South and North Moones doe make a full water. But if you desire the full water in any other coast about this

C

King-

A Prognostication.

Kingdome, in the ensuing Table find the name of the place, and see how many houres and minutes be annexed thereunto in the row under H. M. which if you adde to the time of the Moones comming to the South, you have the time of high water for the place required. But if the houres and minutes aforenamed in these Tables, being added all together, amount above 12. houres, cast the number of 12 away, the remainder is your desire; but if all being added together, they rise under 12. then that which cometh of the addition is the time of high water in that Haven or Port.

The Tide Table.

<i>Names of the Havens.</i>	<i>H. M.</i>	<i>Points of Compass.</i>	
Rochester, Malden, Aberden.	0 45	S. by W.	N. by E.
Gravesend, Romney, Ramkins.	1 30	S. S. W.	N. N. E.
London, Tinnmouth, Hartlepoole.	3 0	S. W.	N. E.
Barwicke, Ostend, Scarborough.	3 45	S. W. by W.	N. E. by E.
Frith, Leith, Dunbar, Narban.	4 30	W. S. W.	E. N. E.
Newcastle, Falmouth, Humber.	5 15	W. by S.	E. by N.
Lin, Antwerp, Plinmouth, Hull.	6 0	East.	West.
Bristol, Lanion, Fowlenesse.	6 45	E. by S.	W. by N.
Milford, Bridge-water, Northcott.	7 30	E. S. E.	W. N. W.
Portland, Peterport, Hareslew.	8 15	S. E. by E.	N. W. b. W.
Orkney-pooles Helen, Orwell.	9 0	S. East.	N. West.
Orford, Needles Deep, Lux.	9 45	S. E. b. S.	N. W. b. N.
Dover, Yarmouth, Harwich, Dublin.	10 30	S. S. E.	N. N. W.
Callice, Ric, Winchelsey, Calshot.	11 15	S. by E.	N. by W.

Example.

In January the 10. 1644. I would know at what houre and minute it will be full Sea or high water at *London Bridge*; by the former Table I find the moone that day is South at foure of the clocke and 48 minutes in the morning. Then in the last Table against *London*, I find three houres, which added together, make 7 houres, 48 minutes, which sheweth that it is full Sea there the same day at 7 a clocke, and 48. minutes

minutes past in the morning. You must note that every Tide altereth 24. minutes of time, and the full Sea in the said places will be 24. minutes later in the afternoone, viz. at 8 of the clocke and 12. minutes past: doe thus with any other place as the Tables direct you, and you shall finde the Rule to be very easie.

Yet you must observe that it floweth one point of the Compasse more in the Spring Tides, that is, at the new and full moones, then it doth in the Neape-tides, that is, at the quarters of the moon, especially if it be a River where there is any indraught, and that is of good distance from the Sea; yea, when there is neither rage of windes, land-floods, nor other cause to produce or hinder the said effect; As for example, it floweth at *London* Bridge at the New or Full Moon, when she is Southwest, or Northeast: but in the quarters of the moone it scarcely floweth there when the moone is Southwest and by-South, or Northeast and by-North. And this is generally true for ever. And at *London* Bridge it commonly floweth five houres, and ebbeth seven houres though at other places it is sixe houres flood, and six houres, ebbe. Land-floods and great winds much alter the Tides, and so doe the Aspects of the Planets to the Moone and her latitude, for if she have North latitude, she swelleth the Seas the sooner, but South she raiseth the Sea later.

The explanation and use of the ensuing Table.

IN the four narrowest spaces are set down the dayes of the moneth (right against every moneth) and in the two widest spaces are set downe the houre and minutes of Sun-rising and setting: The use whereof is thus. First, find the day of the moneth, and right against that day in the wide space you have his rising: follow the same parallel line to the next wide, and you have his setting. And when you want the just day, take the neereſt, for it will serve precise enough.

A Prognostication.

*A Table to know the houre of Sun-rising
and setting.*

The Summer Moneth for Sun-rising.

D.	M.	H.	M.	M.	D.
11	1 st	6	0	6	14
14		5	54	5	11
17		5	48		8
20		5	42		5
23		5	36		1
26		5	30		29
29		5	24		26
2	April.	5	18	August	23
5		5	12		10
8		5	6		17
11		5	1		14
14		4	55		11
17		4	49		8
20		4	44		5
23		4	39		1
26		4	33		29
29		4	28		26
2		4	23		23
5		4	19		20
8		4	14		17
11		4	10	July	14
14	May.	4	6		10
18		4	2		7
21		3	59		4
24		3	56		1
27		3	53		28
30		3	51		25
2		3	50		22
6		3	49		18
9		3	48		15
12	June.	3	47		12

The Winter Moneth for Sun-rising.

D.	M.	H.	M.	M.	D.
14	September	6	0	11	1
17		6	6		8
20		6	12		5
23		6	18		2
26		6	24		27
29		6	30		24
2		6	36	February.	21
5		6	42		18
8		6	48		15
11		6	54		12
14	October.	6	59		9
17		7	5		6
20		7	11		3
23		7	16		31
26		7	21		28
29		7	27		25
1		7	32		22
4		7	37	January.	19
7		7	41		16
10	November.	7	46		13
13		7	50		10
16		7	54		8
19		7	58		5
22		8	1		2
25		8	4		30
28		8	7		27
1		8	9		24
4		8	10		21
7		8	11	December.	18
9	December.	8	12		15
12		8	13		12

*A brieve discourse of the naturall causes of Watery
Meteors, as Snow, Haile, Raine, &c.*

You must first understand that all watery Meteors, as Raine, Snow, or such like, is but a moist vapour drawne up by the heat of the Sunne, and vertue of the rest of the Planets beyond the first and into the middle Region of the Aire, which being dissolved, falleth upon the earth, as Snow, Raine, Haile, &c.

Of the Rainbow.

Pliny saith, the Rainbow is made by the Sun-beames striking upon a hollow cloud: When their edge is repelled, and beaten back against the Sunne, and thus ariseth variety of colours, by the mixture of clouds, ayre and fiery light together: the signification thereof is, that if it appeare before raine, it signifieth raine to follow, but if it be in the time of raine, it signifieth faire weather.

Of Raine.

OF these kinds of Meteors I will speake but briefly: Raine is a cold vapour, and earthly humour raised from the earth and waters, into the middle region of the Ayre: where, by the extremitie of the cold, it is thickned into the body of a cloud, and after being dissolved, falleth in drops upon the Earth.

Of Haile.

Haile is made of Raine, frozen into Ice, as the drops fall upon the earth, and so in stead of drops cometh downe Haile stones, which sometimes are very great.

Of Snow.

Snow is of the same matter as Haile, but not growne so hard together.

A Prognostication.

Of Frost and Dew.

WHen in the day time, through the faint heat of the Sun, there is a cold and moyſt vapour, drawn up a little from the earth, into the lower region of the Ayre, preſently at night it descendeth down upon the earth againe, and is called Dew: in the Spring or Harveſt it is a ſign of good weather, but if by the means of cold it be frozen, it is then called a Froſt; and therefore Dewes come not ſo often in hot weather, nor in windy, but after a calme and leere night; Froſt dries up wet and moyſture, for when the Ice is melted, the like quantitie of water in proportion is not found.

Of Winde.

Winde is nothing but many exhalations drawne from the Earth, and forced ſidewiſe about it.

Of Earth-quakes.

Plenty of Winds gotten into the bowels, holes and corners of the Earth, burſting out of the Earth, and the earth cloſing againe, cauſeth the ſhaking or Earth-quake, and betokeneth Warre.

Of Thunder and Lightning.

When an exhalation hot and dry mixt with moyſture is carried up into the middle region of the Ayre, and there incloſed in the body of a cloud. Now theſe two contraries being ſhut or pent up in one roome together, fall at variance, whereby the water, and the fire agree not untill they have broken the priſon wherein they were pent; ſo the fire and water flie out of the cloud, the breaking thereof maketh a noiſe like the running of chariots, which we call Thunder, and the fire Lightning: the Thunder being made firſt, but the Lightning firſt ſcene, in reſpect the ſight is before the hearing.

Many

Ashwell. 1644.

Many other wondrous kindes of Meteors, which are burning Dragons, Comets, or Blazing starres, falling Starres, which I think good at this time to omit.

Observations for Husbandmen.

IN *January* take off superfluous branches from fruit trees, and prepare your ground for gardens, uncover tree roots: Cut your Vines about Christmas time: Set Quicksets, Roses, and Sallets, in the moneth of *February*: and now cover up the roots of your trees with good earth which you opened before in the beginning of *January*. In *March* you may graft, but in planting and grafting chuse a warme time. Whereof let not the winde be in the East or North, because such windes are commonly nipping, especially being helped by any aspect of the ☾ with ♀ or ♀ in cold Signes, as ♉, ♋, ♌, ♏, ♐ or ♑.

In the beginning of *May*, set and sow tender hearbs and seeds in your Gardens in a good temperature of Aire.

If you mean to preserve flowers and fruits gather them in a full ☽, let the Sunne shine first upon them and they will keep the better; but let them not be dried in the Sun, lest the Sunne draw away part of their vertue.

Remove young trees either in the end of *October*, or *November*, or *February*, and be sure to set that side South which was South before; because it cannot indure the cold North Winde.

Sheare sheep the ☽ increasing and their fleeces will grow the better againe; the like observe for cutting of haire, the ☽ in ♏, ♐, or ♑.

Geld catt'e the ☽ in ♍, ♎, or ♏, being in her last quarter.

Gather all fruits that you mean to keep in a dry time, when the ☽ is at the full.

Sow all such seeds as have round roots (as Onions, Leeks, and Turnips, &c.) either 3. or 4. dayes before the full, or 3. or 4. dayes after the full.

FINIS.

Orig dim. { 02.28. / 02.36.
 { 1.64. / 1.72

117-3482